

FCC ID: X4GS01105

IC ID: 8803A-S01105

RF Exposure Evaluation

Requirement

KDB 447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a) and RSS-102 2.5.2 Exemption Limits for Routine Evaluation

FCC Requirement

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0$

IC Requirement

at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz

Test Results

Type	Tune up power (dBm)
BT-BLE	-0.59

FCC

Channel (MHz)	Max. tune-up Power (dBm)	Test Distance (mm)	Test Data	Limit	Result
2440	-0.59	5	0.273	3.0	Compliant

IC

Channel (MHz)	EIRP (dBm)	Test Distance (mm)	EIRP (mW)	Limit (mW)	Result
2440	-0.59	5	0.257	25	Compliant

Note: the information below is declared by the applicant

1. Bluetooth Antenna Gain = 0dBi
2. The exposure safety distance = 5 mm